Target Patent

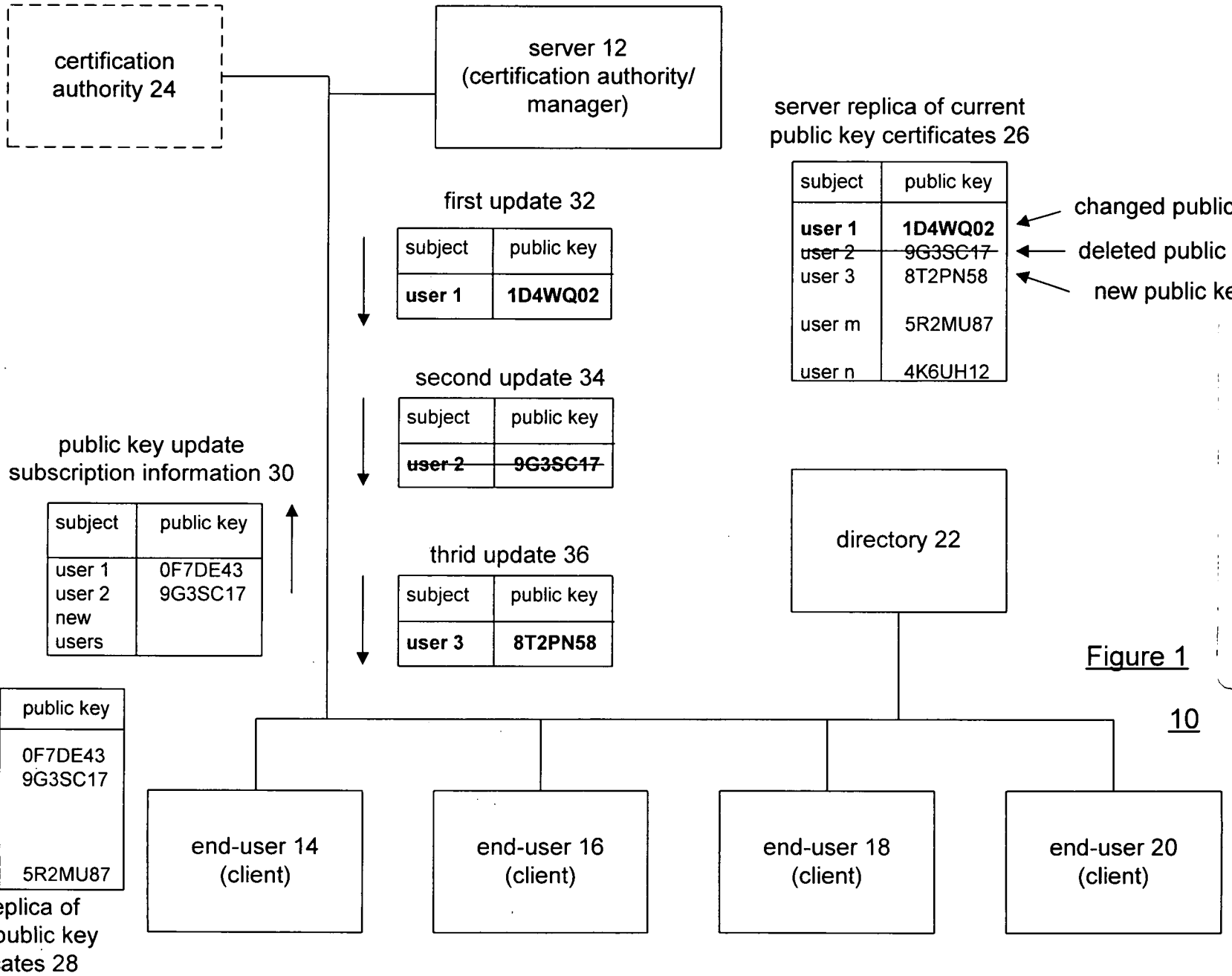

Figure 1

10

METHOD AND APPARATUS FOR OBTAINING STATUS OF PUBLIC KEY CERTIFICATE UPDATES Inventors: et al. Filing Date: Dec. 5, 2001 Atty Docket No. 10500.01.7101

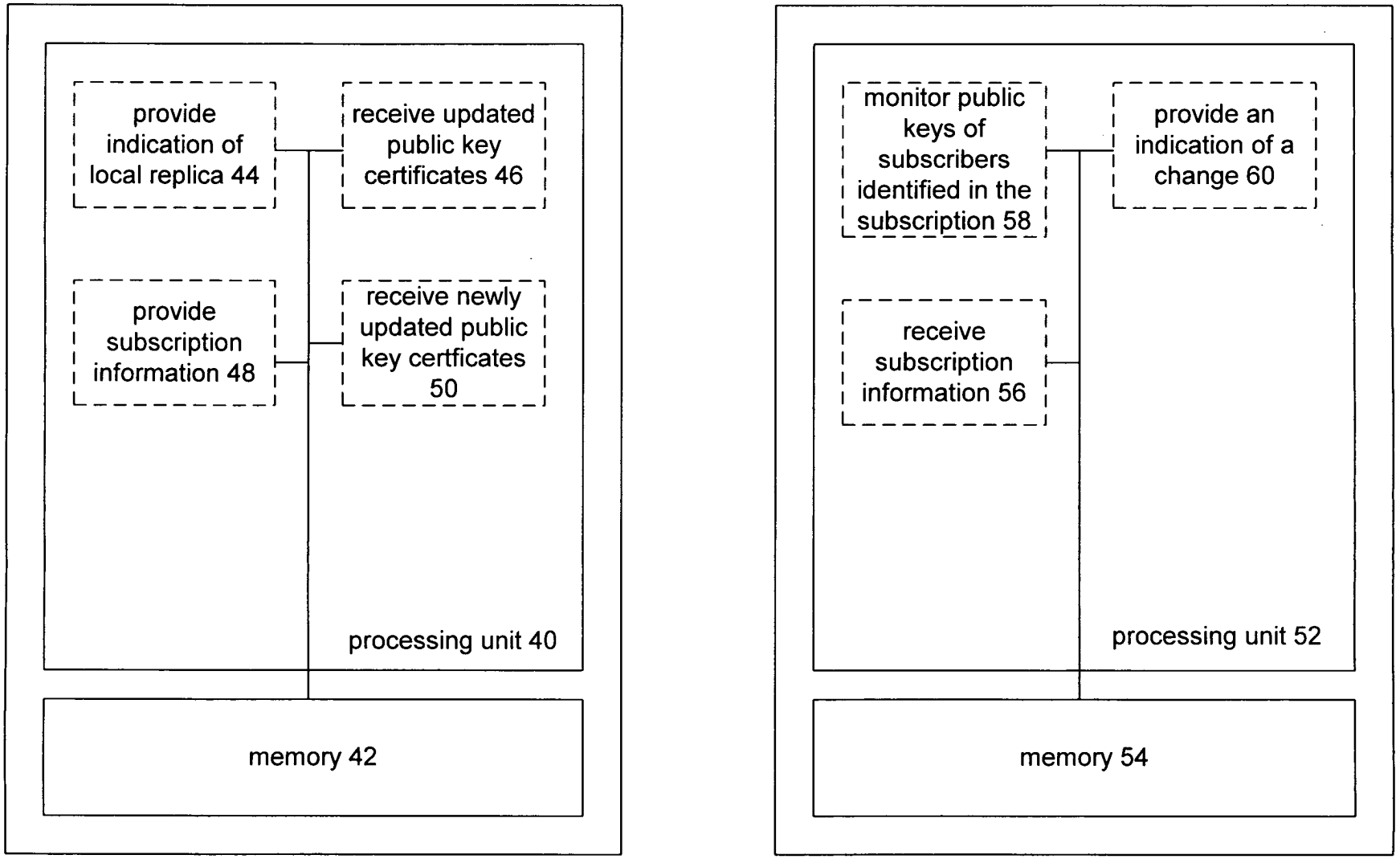
provide indication of local replica 44
receive updated public key certificates 46
provide subscription information 48
receive newly updated public key certficates 50
processing unit 40
memory 42
user 14 - 20
monitor public keys of subscribers identified in the subscription 58
provide an indication of a change 60
receive subscription information 56
processing unit 52
memory 54
server 12

Figure 2

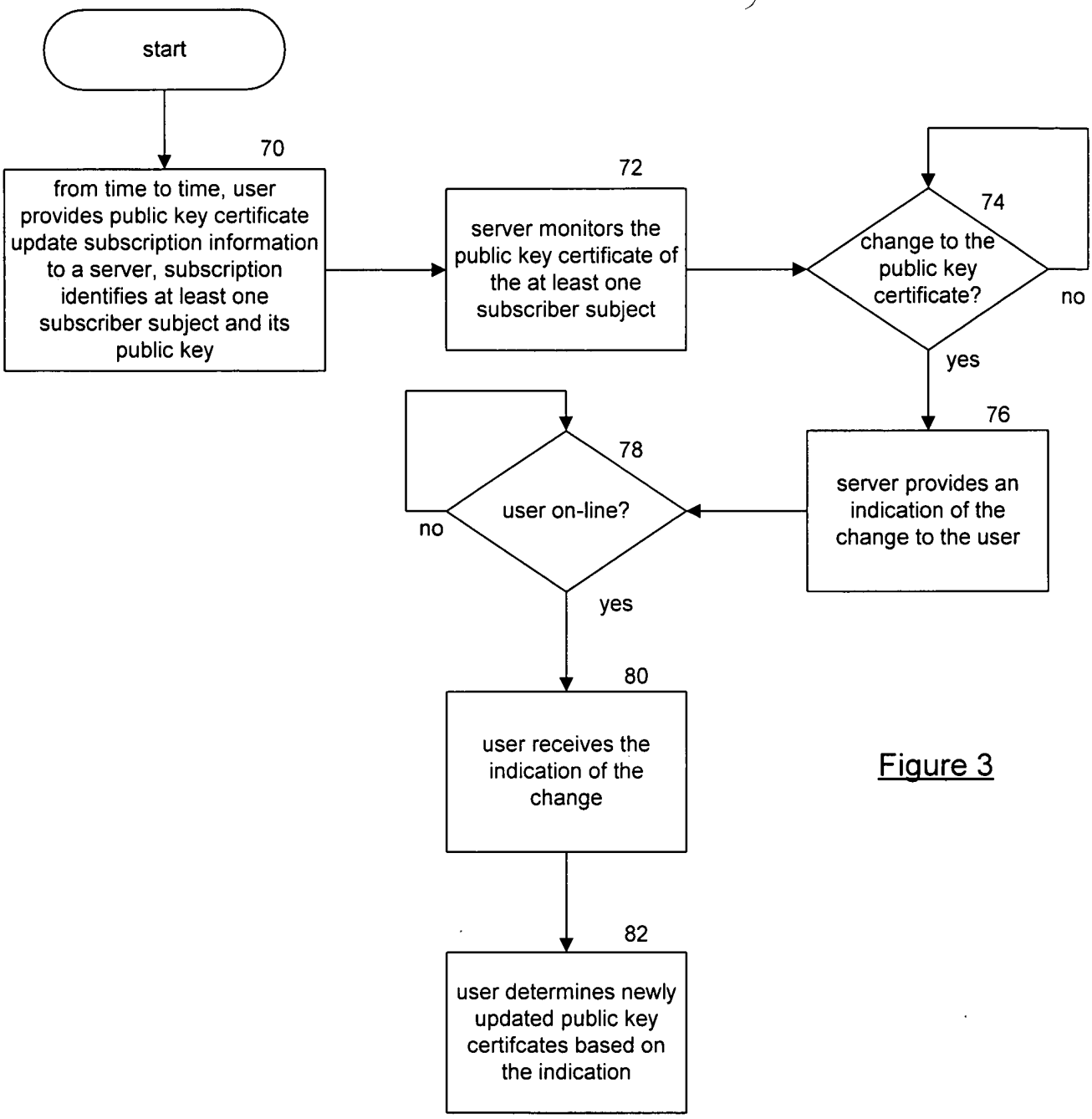
start
70
from time to time, user provides public key certificate update subscription information to a server, subscription identifies at least one subscriber subject and its public key
72
server monitors the public key certificate of the at least one subscriber subject
74
change to the public key certificate?
no
yes
76
server provides an indication of the change to the user
78
user on-line?
no
yes
80
user receives the indication of the change
82
user determines newly updated public key certifcates based on the indication

Figure 3

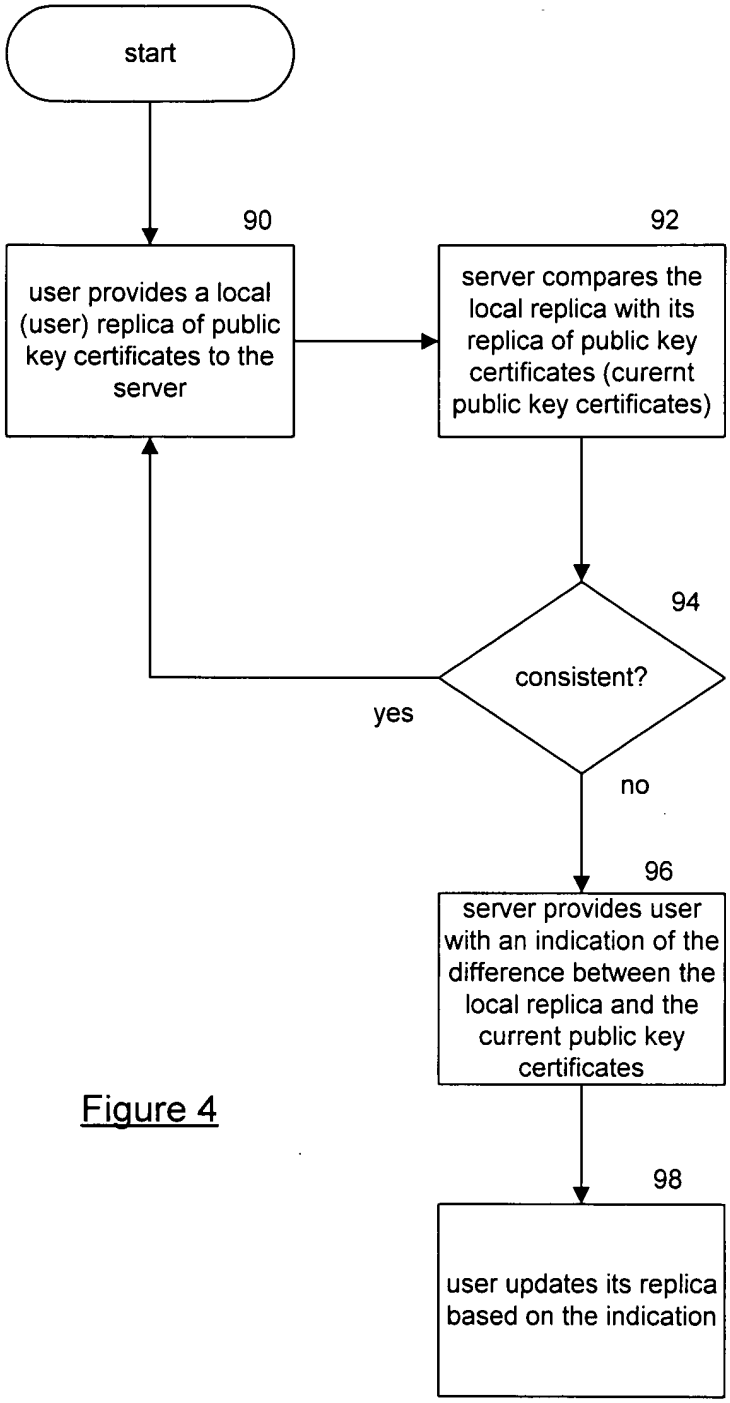

Figure 4

Attorney Docket No. 10500.01.7101